COORDINATE INPUT SYSTEM FOR INFORMATION PROCESSOR

ABSTRACT

PURPOSE: To provide a cursor moving speed suitable to the content of each
application suitable to the software of a window form having a GUI and to
quickly designate an icon.
CONSTITUTION: A data processing means 3 calculates a cursor coordinate
(X(sub 2), Y(sub 2)) at the destination of movement as X(sub 2)=X(sub 1) +
.delta.X,   Y(sub 2)=Y(sub 1) + .delta.Y, based on a present cursor
coordinate (X(sub 1), Y(sub 1)) and movement data .delta.X, .delta.Y
obtained by the operation of a coordinate inputting device 1. A decision
means 5 decides whether or not the coordinate (X(sub 2), Y(sub 2)) is
within or outside a rectangular area A by comparing the start point
coordinate (X(sub a), Y(sub a)) and end point coordinate (X(sub b), Y(sub
b)) of the rectangular area A set by a rectangular area setting means 4
with the coordinate (X(sub 2), Y(sub 2)). A switching means 8 uses the
coordinate (X(sub 2), Y(sub 2)) as it is when it is outside (within) the
rectangular area A, and uses the coordinate (X(sub 2), Y(sub 2)) as X(sub
2)=X(sub 1) + k..delta.X, Y(sub 2) =Y(sub 1) + k..delta.Y by adding a
coefficient (k) from a coefficient setting means 6.
     Image available